

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/FR 03/02371

20/522897

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F11/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, COMPENDEX, INSPEC, PAJ, IBM-TDB, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2001/008019 A1 (VERT JOHN D ET AL) 12 July 2001 (2001-07-12) page 1, left-hand column, paragraph 2 - right-hand column, paragraph 9 page 3, left-hand column, paragraph 25 - page 4, left-hand column, paragraph 34 page 5, right-hand column, paragraph 46 page 8, right-hand column, paragraph 65 figure 10 ----- -/--	1-4, 8-14, 17-20 5-7, 15, 16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the international search 19 July 2004		Date of mailing of the international search report 26/07/2004
Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Lanchès, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	<p>KAM HONG SHUM: "Fault tolerant cluster computing through replication" PARALLEL AND DISTRIBUTED SYSTEMS, 1997. PROCEEDINGS., 1997 INTERNATIONAL CONFERENCE ON SEOUL, SOUTH KOREA 10-13 DEC. 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 10 December 1997 (1997-12-10), pages 756-761, XP010267110 ISBN: 0-8186-8227-2 page 756, left-hand column, paragraph 3 - right-hand column, paragraph 2</p>	5,6
Y	<p>VAYSBURD A: "Fault tolerance in three-tier applications: focusing on the database tier" RELIABLE DISTRIBUTED SYSTEMS, 1999. PROCEEDINGS OF THE 18TH IEEE SYMPOSIUM ON LAUSANNE, SWITZERLAND 19-22 OCT. 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 19 October 1999 (1999-10-19), pages 322-327, XP010357037 ISBN: 0-7695-0290-3 page 323, right-hand column, paragraph 2 - paragraph 3</p>	7
Y	<p>WO 97/49039 A (BELL COMMUNICATIONS RES) 24 December 1997 (1997-12-24) abstract page 11, line 1 - line 17</p>	15
Y	<p>MURAKAMI K ET AL: "Design, implementation, and evaluation of highly available distributed call processing systems" FAULT-TOLERANT COMPUTING, 1998. DIGEST OF PAPERS. TWENTY-EIGHTH ANNUAL INTERNATIONAL SYMPOSIUM ON MUNICH, GERMANY 23-25 JUNE 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 23 June 1998 (1998-06-23), pages 118-127, XP010291284 ISBN: 0-8186-8470-4 page 118, right-hand column, paragraph 2</p>	16
A	<p>BIN YAO ET AL: "Proxy-based recovery for applications on wireless hand-held devices" RELIABLE DISTRIBUTED SYSTEMS, 2000. SRDS-2000. PROCEEDINGS THE 19TH IEEE SYMPOSIUM ON NURNBERG, GERMANY 16-18 OCT. 2000, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 16 October 2000 (2000-10-16), pages 2-10, XP010523941 ISBN: 0-7695-0543-0 the whole document</p>	16,20

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WO 9749039	A	24-12-1997	WO 9749039 A1 24-12-1997
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